

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S5	111025	(neural or neuron or nerve or nervous or perceptron or backpropagation or adaptive) (net or network or model or system or algorithm or method or computation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/23 15:33
S6	35047	(permitted or working or operational or functional or correct or known or proper) range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/23 15:34
S7	0	onvex envelope	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/23 15:34
S8	1315	convex (set or neighborhood or hull)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/23 15:35
S9	5063	data quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/23 15:35
S10	34009	data analysis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/23 15:35
S11	44204	simplex	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/23 15:36
S12	89335	neighborhood	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/23 15:36

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L1	262	(706/15).CCLS.	USPAT; USOCR	OR	OFF	2006/02/24 13:05

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S13	89053	hull	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/23 15:36
S14	550	S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/23 15:36
S15	4	S14 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/23 15:38
S16	22	S14 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/23 15:39
S17	62	S14 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/23 18:42
S18	15	S16 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/23 15:37
S19	0	domain of validity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/23 18:42

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Inspec - 1969 to date (INZZ)

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Search history:

No.	Database	Search term	Info added since	Results	
1	INZZ	(neural OR neuron OR nerve OR nervous OR perceptron OR backpropagation OR adaptive) ADJ (net OR network OR model OR system OR algorithm OR method OR computation)	unrestricted	111412	show titles
2	INZZ	(permitted OR working OR operational OR functional OR correct OR known OR proper OR validity) ADJ range	unrestricted	1851	show titles
3	INZZ	convex ADJ (set OR neighborhood OR hull OR envelope)	unrestricted	2913	show titles
4	INZZ	1 AND 2 AND 3	unrestricted	0	-
5	INZZ	1 AND 2	unrestricted	31	show titles
6	INZZ	1 AND 3	unrestricted	65	show titles

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Scholarly articles for (neural OR neuron OR nerve OR nervous OR perceptron OR backpropagation OR adaptive) (net OR network OR model OR system OR algorithm OR method OR computation) (permitted OR working OR operational OR functional OR correct OR known OR proper OR validity) range



[Growing cell structures—a self-organizing network for ...](#) - by Fritzke - 433 citations

[ANFIS: adaptive-network-based fuzzy inference system](#) - by Jang - 1185 citations

[Neural network-based face detection](#) - by Rowley - 1117 citations

Brain and Nervous System

... complicated communication **network**, **working** at lightning speed. ... This information is then directed to other parts of the **nervous system** for further ...

kidshealth.org/parent/general/body_basics/brain_nervous_system.html - 36k -

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[PPT] Development of the nervous system 1

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But there is still a lot to be done to make the **nervous system** properly organized. ... Folic acid enhances **proper** closing of **neural** tube ...

web.pdx.edu/~zelickr/neurophysiology/lecture-outlines/lecture17-development02.ppt -

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Radial Basis Functions. A type of neural network employing a ...

The **net** effect is that a 0.0 output activation level in the **network** is ... In regression problems, the purpose of the **neural network** is to learn a mapping ...

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the nervous system

The **neuron** is the **functional** unit of the **nervous system**. ... Coelenterates, cnidarians, and echinoderms have their neurons organized into a **nerve net**. ...

www.emc.maricopa.edu/faculty/farabee/biobk/BioBookNERV.html - 46k -

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[Changes in the nervous system in individuals working within the ...

[Changes in the **nervous system** in individuals **working** within the **range** of microwave radiation] [Article in Polish] Milczarek H, Zalejski S, Mazurkiewicz J, ...

[www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=5584122&dopt=Abstract)

[db=PubMed&list_uids=5584122&dopt=Abstract](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=5584122&dopt=Abstract) - [Similar pages](#)

[PDF] Neural network-based target differentiation using sonar for ...

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The **neural network** estimates the target type, **range**, and azimuth from. this data. Table I gives the resulting percentages of **correct** target-type classi- ...

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Surface reconstruction using neural network mapping of range ...

A Bernstein basis function (BBF) **neural network** that directly maps measured image ... The learning **algorithm** used by **backpropagation** networks is, however, ...

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